				ATT VE DOCKET NUMBER							
ORM PTO		(Modified) U.S. DEPARTME	OMMERCE PATTAL AND TRADEMARK OFFICE	CE ATT YS DOCKET NUMBER 00:117							
	TRA	ANSMITTAL LETTER									
			ED OFFICE (DO/EO/US) NG UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)							
			INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED							
NTERI	NATIC P	ONAL APPLICATION NO. CT/JP 99/02205	23 April 1999	24 April 1998							
			Enzyme And Enzyme Compositi	on							
APPLICANT(S) FOR DO/EO/US BABA, Toshiyuki TABATA, Hiromasa NAGAMATSU, Katashi WATAZU, Yoshifumi											
Applic	ant h	erewith submits to the United S	tates Designated/Elected Office (DO/EO	/US) the following items and other information:							
1.	×	This is a FIRST submission o	fitems concerning a filing under 35 U.S.	C. 371.							
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.									
3.	×	This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).									
4.	X			by the 19th month from the earliest claimed priority date.							
5.	X	A copy of the International Ap	plication as filed (35 U.S.C. 371 (c) (2))								
			th (required only if not transmitted by th	e International Bureau).							
		b. 🛮 has been transmitted	by the International Bureau.	0 m (DO#II)							
		c. \square is not required, as th	e application was filed in the United Stat	es Receiving Office (RO/US).							
6.	X	A translation of the International Application into English (35 U.S.C. 371(c)(2)).									
7.	×	A copy of the International Se	arch Report (PCT/ISA/210).	10 (05 V C C 271 ()\2\)							
8.		Amendments to the claims of	the International Application under PCT	Article 19 (35 U.S.C. 371 (c)(3))							
			with (required only if not transmitted by	the International Bureau).							
		b. have been transmitted.	d by the International Bureau.	A NOT CAL							
		c. \square have not been made; however, the time limit for making such amendments has NOT expired.									
		d. \(\square\) have not been made and will not be made.									
9.		A translation of the amendme	nts to the claims under PCT Article 19 (3	35 U.S.C. 3/1(c)(3)).							
10.	×		nventor(s) (35 U.S.C. 371 (c)(4)).								
11.	×	A copy of the International Pr	eliminary Examination Report (PCT/IPE	A/409).							
12.	X	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).									
I	tems	13 to 20 below concern docum	nent(s) or information included:								
13.		An Information Disclosure S	tatement under 37 CFR 1.97 and 1.98.	1 OED 2 20 and 2 21 is included							
14.	X			apliance with 37 CFR 3.28 and 3.31 is included.							
15.											
16.		A SECOND or SUBSEQUENT preliminary amendment.									
17.											
18.											
19.		Certificate of Mailing by Express Mail									
20.	X										
		Translation of Japanes No Drawings Executed Declaration	uplicate w/fees charged to Dep. Acct. 0 Text Application (36 pages) tional Reagents Corporation	//- / 1100							

	1 NO. (IF KNOWN, SEE 37	INTERNATIONAL A		No.)	OOCKET NUMBER		
	19/6739	PCT/JP	PCT/JP 99/02205			00:117		
21. The fo	ollowing fees are submitted:				CALCULATIONS	PTO USE ONLY		
	AL FEE (37 CFR 1.492 (a) (1) -							
internation	ernational preliminary examinatio al search fee (37 CFR 1 445(a)(2) ational Search Report not prepared							
☑ Internation USPTO bu	al preliminary examination fee (3° t Internation Search Report prepar							
☐ Internation but interna	al preliminary examination fee (3' tional search fee (37 CFR 1.445(a							
☐ Internation but all claim	al preliminary examination fee pa ms did not satisfy provisions of PC							
☐ Internation and all clai	al preliminary examination fee pa ms satisfied provisions of PCT Ar							
	ENTER APPROPRI	ATE BASIC FE	E AMO	DUNT =	\$860.00			
Surcharge of \$130 months from the e	.00 for furnishing the oath or declaraliest claimed priority date (37 C	\$0.00						
CLAIMS	NUMBER FILED	NUMBER EXT	RA	RATE				
Total claims	9 - 20 =	0		x \$18.00	\$0.00			
Independent claim	S - 3 =	0		x \$80.00	\$0.00			
Multiple Depende	ent Claims (check if applicable).				\$0.00			
		ABOVE CALC			\$860.00			
Reduction of 1/2 for must also be filed	or filing by small entity, if application (Note 37 CFR 1.9, 1.27, 1.28) (cl	able. Verified Small F heck if applicable).	Entity Stat	ement	\$0.00			
			SUBT	TOTAL =	\$860.00			
Processing fee of smonths from the e	\$130.00 for furnishing the English arliest claimed priority date (37 C	\$0.00						
		TOTAL NAT	IONAL	FEE =	\$860.00			
Fee for recording t accompanied by an	the enclosed assignment (37 CFR appropriate cover sheet (37 CFR	\$40.00						
		TOTAL FEES	ENCL	OSED =	\$900.00			
	***				Amount to be: refunded	\$		
					charged	\$		
				11	<u></u>			
➤ Please cha	A check in the amount of to cover the above fees is enclosed. Please charge my Deposit Account No. 07-2100 in the amount of \$860.00 to cover the above fees. A duplicate copy of this sheet is enclosed.							
The Com	missioner is hereby authorized to o	harge any fees which	may be rec	quired, or credit a	any overpayment			
to Deposi	t Account No. 07-2100	A duplicate copy of th	is sheet is	enclosed.				
NOTE: Where a 1.137(a) or (b)) m	n appropriate time limit under a	37 CFR 1.494 or 1.49 ore the application to	5 has not pending	been met, a peti status.	tion to revive (87 CI	FR		
SEND ALL CORE	RESPONDENCE TO:				15/2/			
231.31.33.9314			1		4 / V			
Ronald E. Grei	igg REIGG P.L.L.C.		SIGNATURE Ronald E. Greigg					
	Street, Unit One				Gruge			
Alexandria, Vir	ginia 22314	NAME						
				31,517 REGISTRATIO	N NI IMPED			
months (months)	0) 020 5500							
Telephone: (703 Facsimile: (703	3) 838-5500 3) 838-5554	24 October	2000					
	-,		DATE					